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- (71) Applicant (for all designated States except US): **AVECIA LIMITED** [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HARDY, Jonathan, Mark** [US/US]; PO Box 152, Mt Joy Road, Mt Pleasant TN 38474 (US). **DINIZO, Stephan, Edward** [US/US]; PO Box 152, Mt Joy Road, Mt Pleasant TN 38474 (US).
- (74) Agents: **REVELL, Christopher et al.**; Avecia Limited, Intellectual Property Group, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
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(54) Title: PROCESS FOR THE PREPARATION OF PHOSPHITYLATION AGENTS

(57) **Abstract:** A process for the preparation of a compound of formula  $R^1-Y^1-P(NR^2R^3)_2$  is provided. The process comprises reacting a compound of formula  $PX_3$  with a compound of formula  $HNR^2R^3$  to form a compound of formula  $X-P(NR^2R^3)_2$ ; and reacting the compound of formula  $X-P(NR^2R^3)_2$  with a compound of formula  $R^1-Y^1-H$  in the presence of a hydrocarbon solvent to form the compound of formula  $R^1-Y^1-P(NR^2R^3)_2$ .  $R^1$  represents a phosphorus protecting group;  $R^2$  and  $R^3$  each independently represent an alkyl, preferably a  $C_{1-6}$ alkyl, group, or  $R^2$  and  $R^3$  are joined, together with the N to which they are attached, to form a 5-7 membered ring;  $Y^1$  represents O or S, preferably O; and X represents a halogen, preferably Cl. The preferred solvent is toluene.

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